

Converting Colors

HunterLab(46.7522, 4.1409,
-51.7983)

Have a look what the booklet for
HunterLab(46.7522, 4.1409,
-51.7983) contains.

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Color

**HunterLab(46.7522, 4.1409,
-51.7983)**

Conversions

Conversions Part 1

Format	Color
Hex	4681D6
RGB	70, 129, 214
RGB Percent	27%, 51%, 84%
CMY	0.7255, 0.4941, 0.1608
CMYK	0.67, 0.40, 0.00, 0.16
HSL	215°, 64%, 56%
HSV	215°, 67%, 84%
XYZ	22.5137, 21.8577, 66.6507
YIQ	121.0490, -62.4490, 13.9270

Conversions

Conversions Part 2

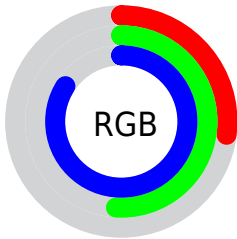
Format	Color
R_{YB}	70, 112, 214
Decimal	4620758
CIE _{Lab}	53.88, 8.18, -49.34
CIE _{LCh}	54, 50.013, 279.412
Yxy	21.8584, 0.2028, 0.1969
Android (android.graphics.Color)	4282810838 (0xFF4681D6)
YUV	121.0490, 45.8248, -44.7700
Hunter-Lab	46.7522, 4.1409, -51.7983

Details

The HunterLab color **46.7522, 4.1409, -51.7983** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **61.7931, 9.0271, 32.6737**, and the grayscale version is **43.5920, -2.3260, 2.3684**.

A 20% lighter version of the original color is **67.2111, -0.5257, -42.0519**, and **28.7063, 6.5149, -49.9442** is the 20% darker color. If you saturate the color by 10%, you get **42.5139, 8.2023, -62.3825**, and if you desaturate by 10%, it is **51.3199, 1.0094, -41.8582**.

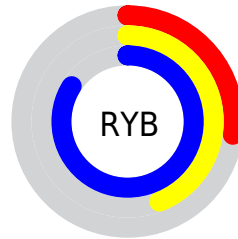
Distribution



Red (27%)

Green (51%)

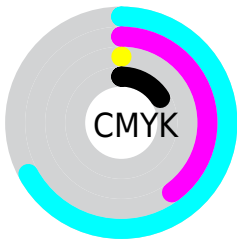
Blue (84%)



Red (27%)

Yellow (44%)

Blue (84%)

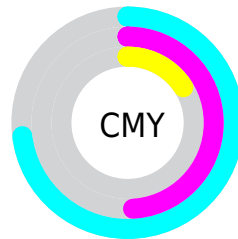


Cyan (67%)

Magenta (40%)

Yellow (0%)

Black (16%)



Cyan (73%)

Magenta (49%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7522, 4.1409, -51.7983 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 46.7522, 4.1409, -51.7983 by changing the saturation by 10% instead.

■ 46.7522, 4.1409,
-51.7983

■ 46.7522, 4.1409,
-51.7983

161.8042, 1.2483,
-57.9226

■ 37.0849, 4.1923,
-51.3273

■ 68.1996, 3.8415,
-53.1552

■ 28.1940, 4.1636,
-51.2077

■ 79.8928, 3.6057,
-53.9006

■ 20.1552, 4.0408,
-51.8282

■ 92.1870, 3.3196,
-54.6443

■ 13.0709, 3.8010,
-54.1767

■ 105.0543, 2.9870,
-55.3689

■ 6.5509, 5.0903,
-67.4117

■ 118.4700, 2.6111,
-56.0641

0.0000, NaN, -NF

0.0000, NaN, -NF

132.4127, 2.1945,

-56.7236

0.0000, NaN, -NF

146.8632, 1.7396,
-57.3438

0.0000, NaN, NaN

■ 46.7522, 4.1409,
-51.7983

■ 46.7522, 4.1409,
-51.7983

■ 42.5139, 8.2023,
-62.3825

■ 51.3199, 1.0094,
-41.8582

■ 38.6504, 13.2702,
-73.5432

■ 56.1716, -1.3058,
-32.5610

■ 35.2029, 19.3234,
-85.1189

■ 61.2708, -2.9197,
-23.8585

■ 34.3239, 21.0646,
-88.3743

■ 66.5867, -3.9383,
-15.6860

■ 72.0935, -4.4534,
-7.9747

■ 77.7702, -4.5422,
-0.6592

■ 83.5993, -4.2685,
6.3192

■ 89.5661, -3.6850,
13.0120

■ 94.8861, -5.5144,
18.6193

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.7530, -15.5965, -48.0884



46.7522, 4.1409, -51.7983



46.7530, 25.3274, -36.8058

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.7530, 4.1416, -51.7971



46.7530, 32.1152, 20.6722



46.7530, -34.0351, 13.9271

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.7522, 4.1409, -51.7983



61.7931, 9.0271, 32.6737

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.7530, -25.0321, 23.2673



46.7522, 4.1409, -51.7983



46.7530, 12.2249, 25.8295

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.7530, 4.1416, -51.7971



46.7530, 43.2191, 8.2838



46.7530, -8.7849, 26.5137



46.7530, -35.4418, -4.0286

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.7522, 4.1409, -51.7983



46.7530, 36.6121, -20.9074



46.7530, -8.7849, 26.5137



46.7530, -31.8817, 17.9162

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.7530, 4.1416, -51.7971



85.9364, -5.3053, -12.4118



71.9230, -45.4387, 18.3196



38.8741, -2.3773, -6.9724

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.7530, 4.1416, -51.7971



49.6531, 12.6429, -82.1524



33.2125, 37.5912, -92.4472



35.8273, -2.1323, -1.0257



27.0452, 15.5453, -67.3620



7.7581, 1.4923, -12.9184

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.0141, 55.5939, 1.3545



50.1062, 78.1598, 5.9551



78.1618, -23.7157, 43.3513



35.3615, 1.8825, 1.2749



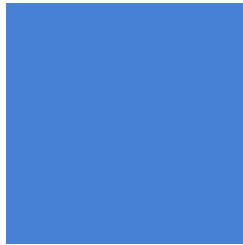
30.1384, 53.0800, 8.1026



7.5105, 13.4331, 0.4263

Previews

White Background



This preview shows how the HunterLab color 46.7522, 4.1409, -51.7983 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.7522, 4.1409, -51.7983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

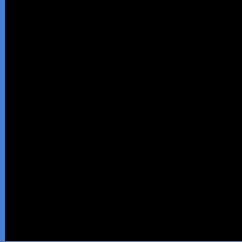
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

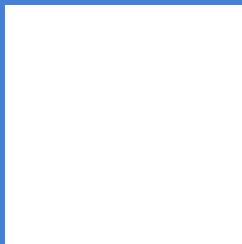
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.7522, 4.1409, -51.7983 Background



This preview shows how black text looks on a background with the HunterLab color 46.7522, 4.1409, -51.7983.

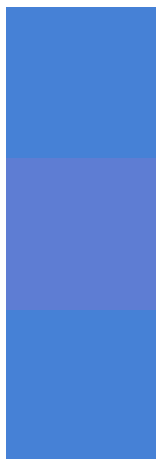


This preview shows how white text looks on a background with the HunterLab color 46.7522, 4.1409, -51.7983.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.7522, 4.1409, -51.7983

Protanopia

46.6370, 9.1246, -49.4510

Deuteranopia

46.7522, 4.1409, -51.7983



Tritanopia

46.7606, -21.3312, -9.7719

Trichromacy



Original Color

46.7522, 4.1409, -51.7983

Protanomaly

46.4828, 7.3270, -50.6785

Deuteranomaly

46.7522, 4.1409, -51.7983

Tritanomaly

46.3451, -13.1691, -23.5586

Monochromacy



Original Color

46.7522, 4.1409, -51.7983

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.2794, -2.4940, -14.2817

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7522, 4.1409, -51.7983 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(70, 129, 214)` looks like.

```
.text, #text, p{  
    color:rgb(70, 129, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(70, 129, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 129, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7522, 4.1409, -51.7983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(70, 129, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(70, 129, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(70, 129, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 129, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 129, 214);  
box-shadow:4px 4px 4px 4px rgb(70, 129,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7522, 4.1409, -51.7983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 129, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(70, 129,  
214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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